

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-18 13:23:06  
Date of Next Testing: 2030-03-17 13:23:06  
Product Name: **Aflatoxin M1**  
CAS Number: 6795-23-9  
Specifications & Purity:  $\geq 98\%$ (HPLC)  
Lot #: C2611276  
SKU #: **A139552**  
Version: **3**  
Analysis #: **663747**  
Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.30000 %
Purity(TLC,RPC18, methanol: H <sub>2</sub> O 90:10)	98-100 (%)	98.02000 %
Purity(TLC,NP, CH <sub>2</sub> Cl <sub>2</sub> : Acetone 70: 30)	98-100 (%)	98.36000 %
Appearance (A139552)	White to off-white to slight yellow powder or solid	White to off-white to slight yellow powder or solid
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Solubility in CH <sub>2</sub> Cl <sub>2</sub> , Clear colorless solution at 1mg/ml	pass	Pass
Solubility in CHCl <sub>3</sub> /MeOH (1/1) , Colorless to Yellow,Clear,1.00 - 1.10 mg/ml	pass	Pass
$\lambda$ max,228, 264, 360nm	Conforms	Conforms



John Su  
QA & QC Manager